



## High Performance Computing Systems and Applications: 23rd International Symposium, HPCS 2009 Kingston, ON, Canada, June 14-17, 2009 Revised Selected Papers

By -

Springer. Paperback. Book Condition: New. Paperback. 418 pages. Dimensions: 9.3in. x 6.2in. x 0.9in. This book reports the scientific proceedings of the 23 International Symposium on High Performance Computing Systems and Applications. HPCS 2009 was held at Queens University at Kingston, June 14-17, 2009. The symposium was hosted by HPCVL in co-operation with Compute Canada. The symposium brought together over 150 scientists from many countries including Brazil, Canada, China, UK, Germany and the USA. As the proceedings demonstrate, their work addresses fundamental HPC-related issues, from programming, to architectures, to applications and, finally, to upcoming challenges for HPC. In addition to the scientific program, reported here, the conference was addressed by keynote speakers on various topics including: Andy Bechtolsheim, Sun Microsystems and Arista. The Road from Peta-Flop To Exa-Flop: Exploring How Technology Road-Maps over the Next Ten Years Will Enable us to Build a Sustained Exa-Flop Computer by 2020. Russ Boyd, Alexander McLeod Professor of Chemistry, Dalhousie University. Computational Chemistry: History, Grand Challenges and Opportunities. Andr Bandrauck, Canada Research Chair, Computational Chemistry and Molecular Photonics, Universit de Sherbrooke. MASTMolecular Attosecond Simulations and Theory. Wolfgang Gentzsch, DEISA Project. The European e-Infrastructure DEISA for e-Science

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